

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT



<b>APPLICATION FOR PERMIT TO DRILL</b>						1. WELL NAME and NUMBER Ute Tribal 7-2-4-3W				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825				
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 14-20-H62-6099			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Donna J. Clayburn, Steven Kenneth Clayburn, Leon Clayburn						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-646-3273				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') HC 64 Box 450, Duchesne, UT 84021						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		2201 FNL 2317 FEL		SWNE	2	4.0 S	3.0 W	U		
Top of Uppermost Producing Zone		2201 FNL 2317 FEL		SWNE	2	4.0 S	3.0 W	U		
At Total Depth		2201 FNL 2317 FEL		SWNE	2	4.0 S	3.0 W	U		
21. COUNTY DUCHEсне			22. DISTANCE TO NEAREST LEASE LINE (Feet) 2201			23. NUMBER OF ACRES IN DRILLING UNIT 40				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completion) 2800			26. PROPOSED DEPTH MD: 9600 TVD: 9600				
27. ELEVATION - GROUND LEVEL 5371			28. BOND NUMBER RLB00100473			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
<b>Hole, Casing, and Cement Information</b>										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	17.5	14	0 - 60	37.0	H-40 ST&C	0.0	Class G	35	1.17	15.8
SURF	12.25	8.625	0 - 1000	24.0	J-55 ST&C	8.3	Premium Lite High Strength	134	3.53	11.0
							No Used	0	0.0	0.0
PROD	7.875	5.5	0 - 9600	17.0	P-110 LT&C	10.0	Premium Lite High Strength	275	3.53	11.0
							50/50 Poz	680	1.24	14.3
<b>ATTACHMENTS</b>										
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Don Hamilton			TITLE Permitting Agent			PHONE 435 719-2018				
SIGNATURE			DATE 06/26/2012			EMAIL starpoint@etv.net				
API NUMBER ASSIGNED 43013515050000			APPROVAL							

**Received: August 22, 2012**

**Newfield Production Company  
Ute Tribal 7-2-4-3W  
SW/NE Section 2, T4S, R3W  
Duchesne County, UT**

**Drilling Program**

**1. Formation Tops**

Uinta	surface
Green River	2,720'
Garden Gulch member	5,370'
Wasatch	7,945'
TD	9,600'

**2. Depth to Oil, Gas, Water, or Minerals**

Base of moderately saline	474'	(water)
Green River	5,370' - 7,945'	(oil)
Wasatch	7,945' - TD	(oil)

**3. Pressure Control**

Section                      BOP Description

Surface                      12-1/4" diverter

Production                The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

**4. Casing**

Description	Interval		Weight (ppf)	Grade	Coupl	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom							Burst	Collapse	Tension
Conductor	0'	60'	37	H-40	Weld	--	--	--	--	--	--
14									--	--	--
Surface	0'	1,000'	24	J-55	LTC	8.33	8.33	12	2,946	1,370	381,000
8 5/8									5.25	4.31	15.88
Production	0'	9,600'	17	P-110	LTC	9.5	10	--	10,640	7,480	546,000
5 1/2									2.81	1.86	3.35

**Assumptions:**

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

## 5. Cement

Job	Hole Size	Fill	Slurry Description	ft <sup>3</sup>	OH excess	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
				sacks			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41	15%	15.8	1.17
				35			
Surface Lead	12 1/4	1,000'	Premium Lite II w/ 3% KCl + 10% bentonite	475	15%	11.0	3.53
				134			
Production Lead	7 7/8	4,870'	Premium Lite II w/ 3% KCl + 10% bentonite	970	15%	11.0	3.53
				275			
Production Tail	7 7/8	4,230'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	843	15%	14.3	1.24
				680			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the production casing string will be calculated from an open hole caliper log, plus 15% excess.

## 6. Type and Characteristics of Proposed Circulating Medium

### Interval

### Description

Surface - 1,000'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

1,000' - TD

A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

Anticipated maximum mud weight is 10.0 ppg.

## 7. Logging, Coring, and Testing

**Logging:** A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBDT to the cement top behind the production casing.

**Cores:** As deemed necessary.

**DST:** There are no DST's planned for this well.

**8. Anticipated Abnormal Pressure or Temperature**

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.49 psi/ft gradient.

$$9,600' \times 0.49 \text{ psi/ft} = 4742 \text{ psi}$$

No abnormal temperature is expected. No H<sub>2</sub>S is expected.

**9. Other Aspects**

This is planned as a vertical well.

Newfield requests the following variances from Onshore Order #2:

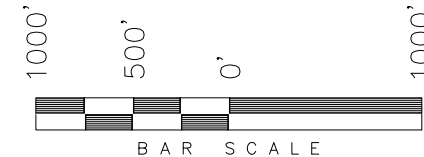
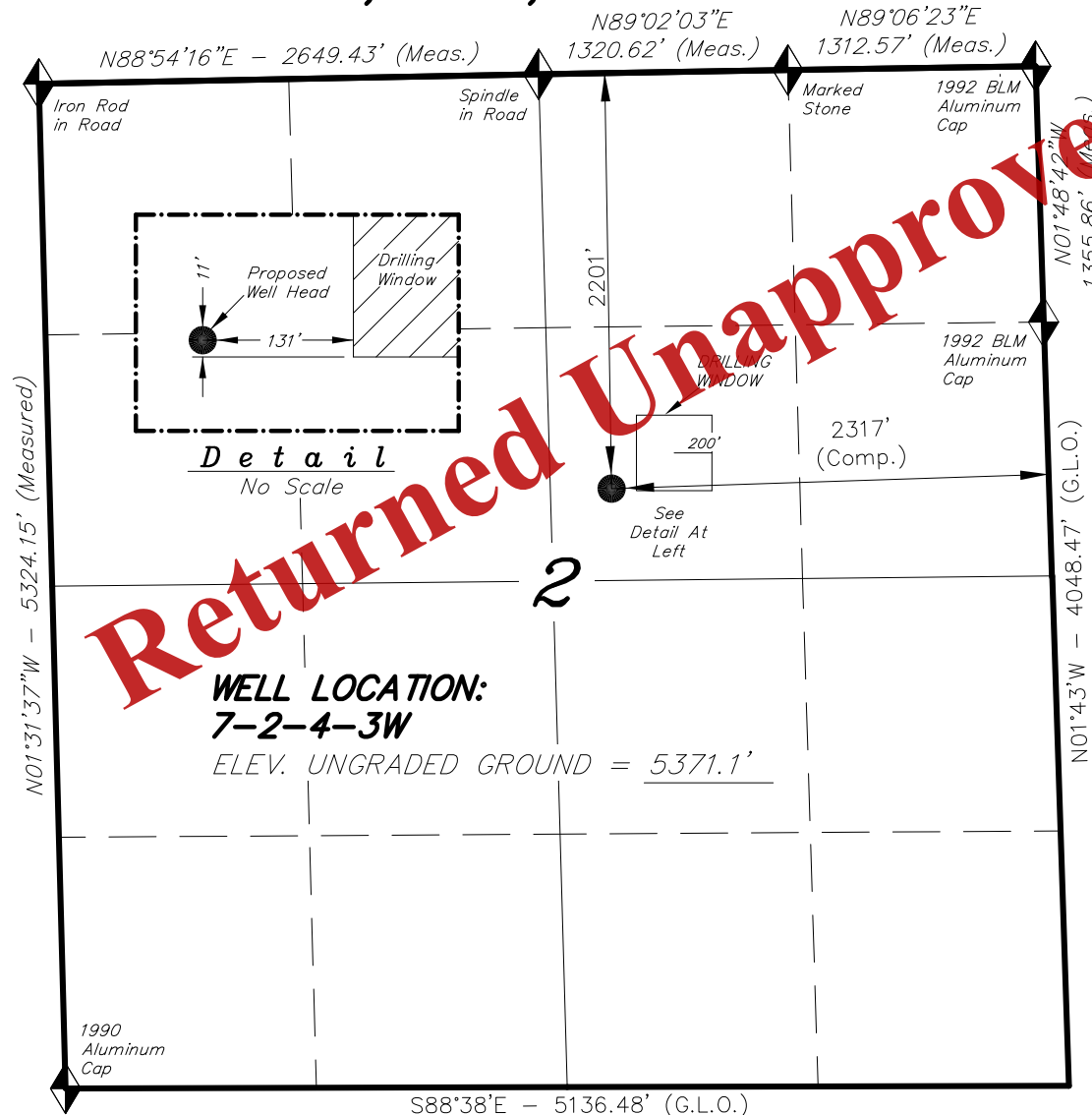
- Variance from Onshore Order #2, III.E.1  
Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

**Returned Unapproved**

**T4S, R3W, U.S.B.&M.**

**NEWFIELD EXPLORATION COMPANY**

WELL LOCATION, 7-2-4-3W, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 2, T4S, R3W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

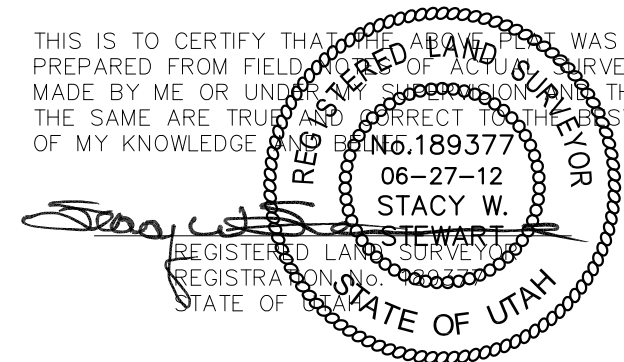


**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Well Head bears S45°06'21\"W 3170.82' from the Northeast Corner of Section 2.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56\" LONG. 110°00'43.28\" (Tristate Aluminum Cap) Elev. 5281.57'

**7-2-4-3W**  
(Surface Location) **NAD 83**  
LATITUDE = 40° 09' 54.80\"  
LONGITUDE = 110° 11' 20.62\"

**TRI STATE LAND SURVEYING & CONSULTING**

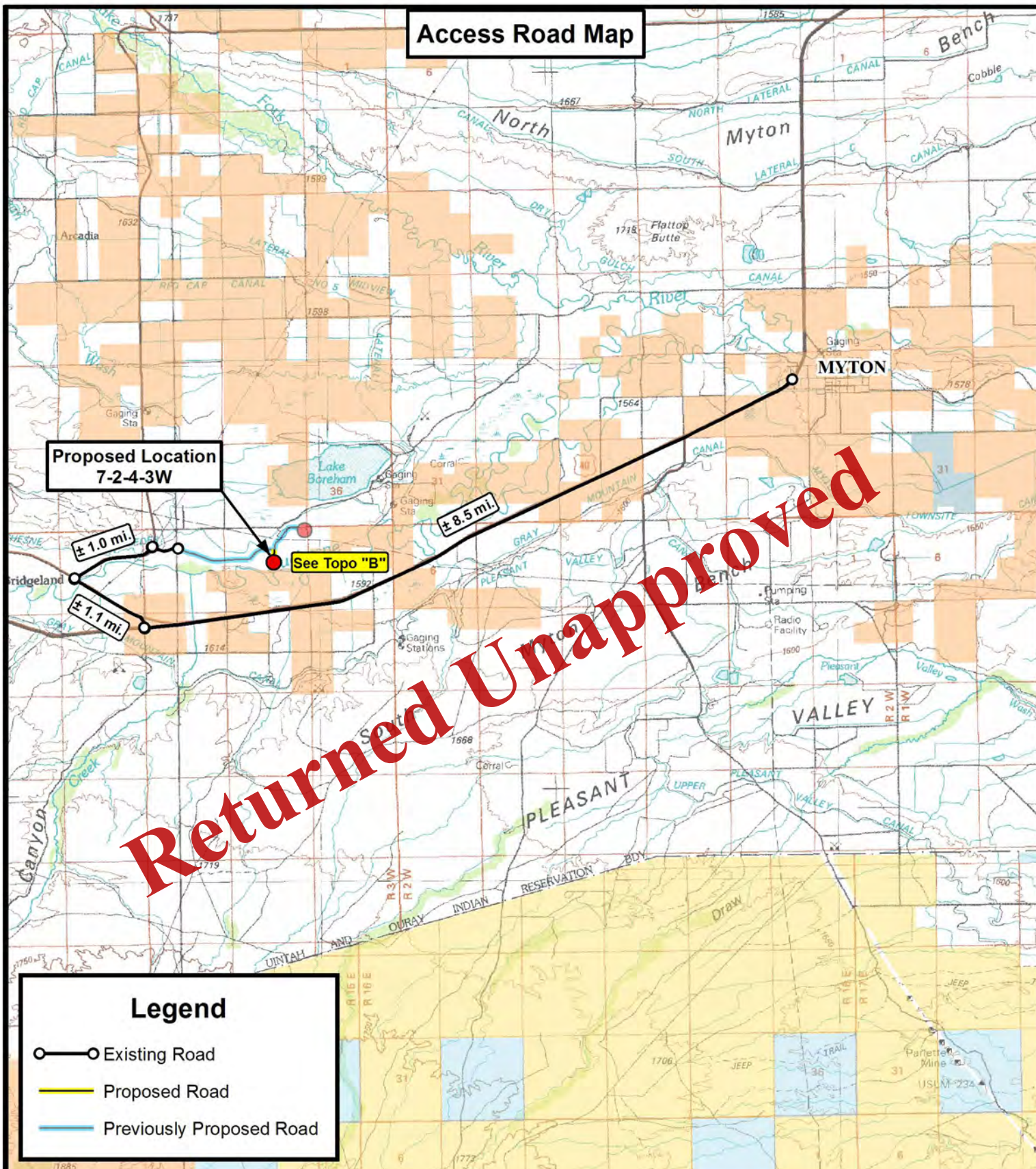
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED: 01-12-12	SURVEYED BY: S.V.	VERSION:
DATE DRAWN: 02-09-12	DRAWN BY: R.B.T.	V3
REVISED: 06-27-12 L.K.	SCALE: 1\" = 1000'	

**Received: June 26, 2012**



# Access Road Map



**Tri State  
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501  
F: (435) 781-2518



## NEWFIELD EXPLORATION COMPANY

**7-2-4-3W  
SEC. 2, T4S, R3W, U.S.B.&M.  
Duchesne County, UT.**

DRAWN BY:	D.C.R.	REVISED:	06-27-12 A.P.C.	VERSION:
DATE:	02-09-2012			<b>V3</b>
SCALE:	1:100,000			

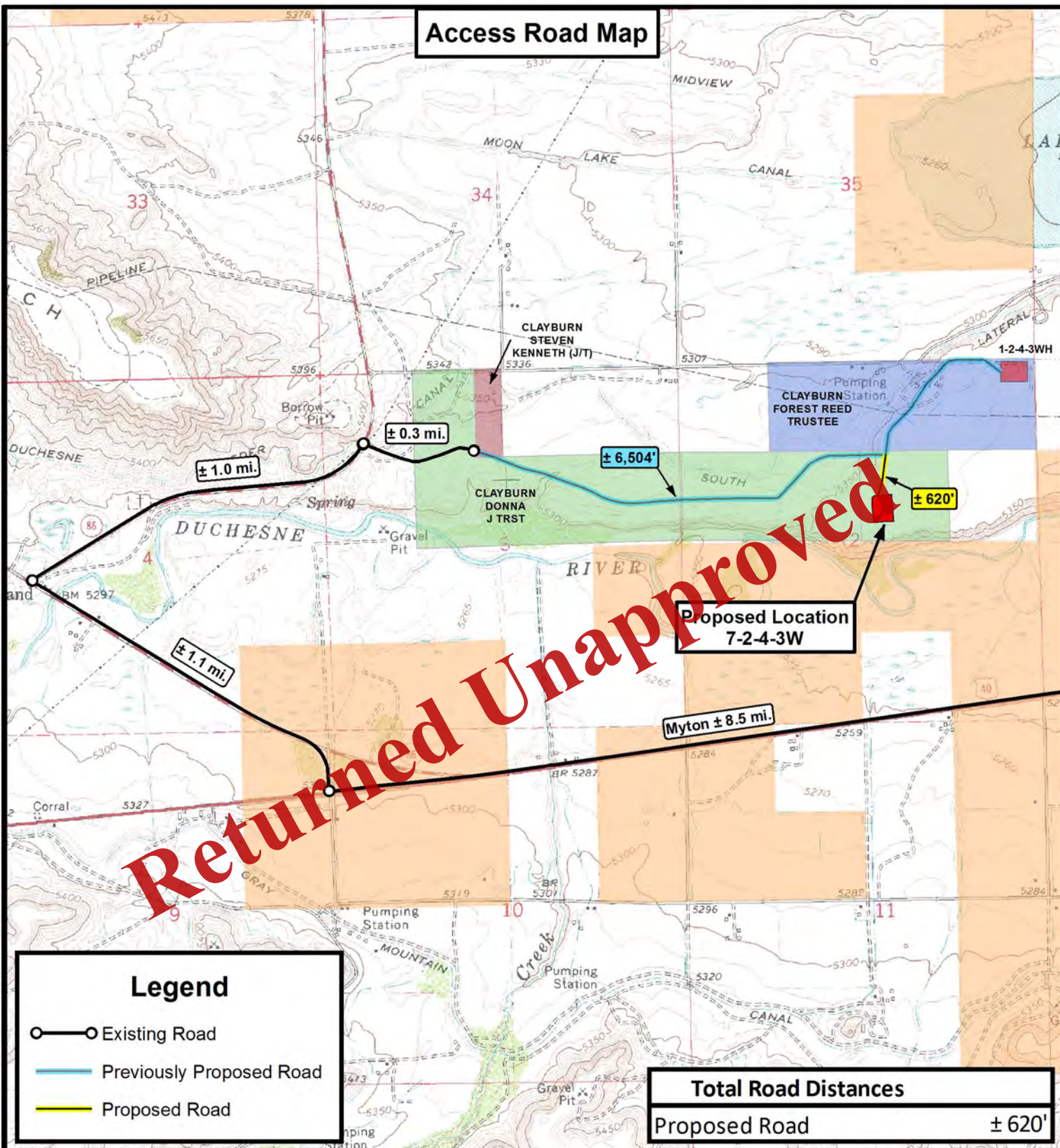
**TOPOGRAPHIC MAP**

SHEET  
**A**

**Received: June 26, 2012**



# Access Road Map



## Legend

- Existing Road
- Previously Proposed Road
- Proposed Road

## Total Road Distances

Proposed Road ± 620'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



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## NEWFIELD EXPLORATION COMPANY

7-2-4-3W  
SEC. 2, T4S, R3W, U.S.B.&M.  
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	06-27-12 A.P.C.	VERSION:
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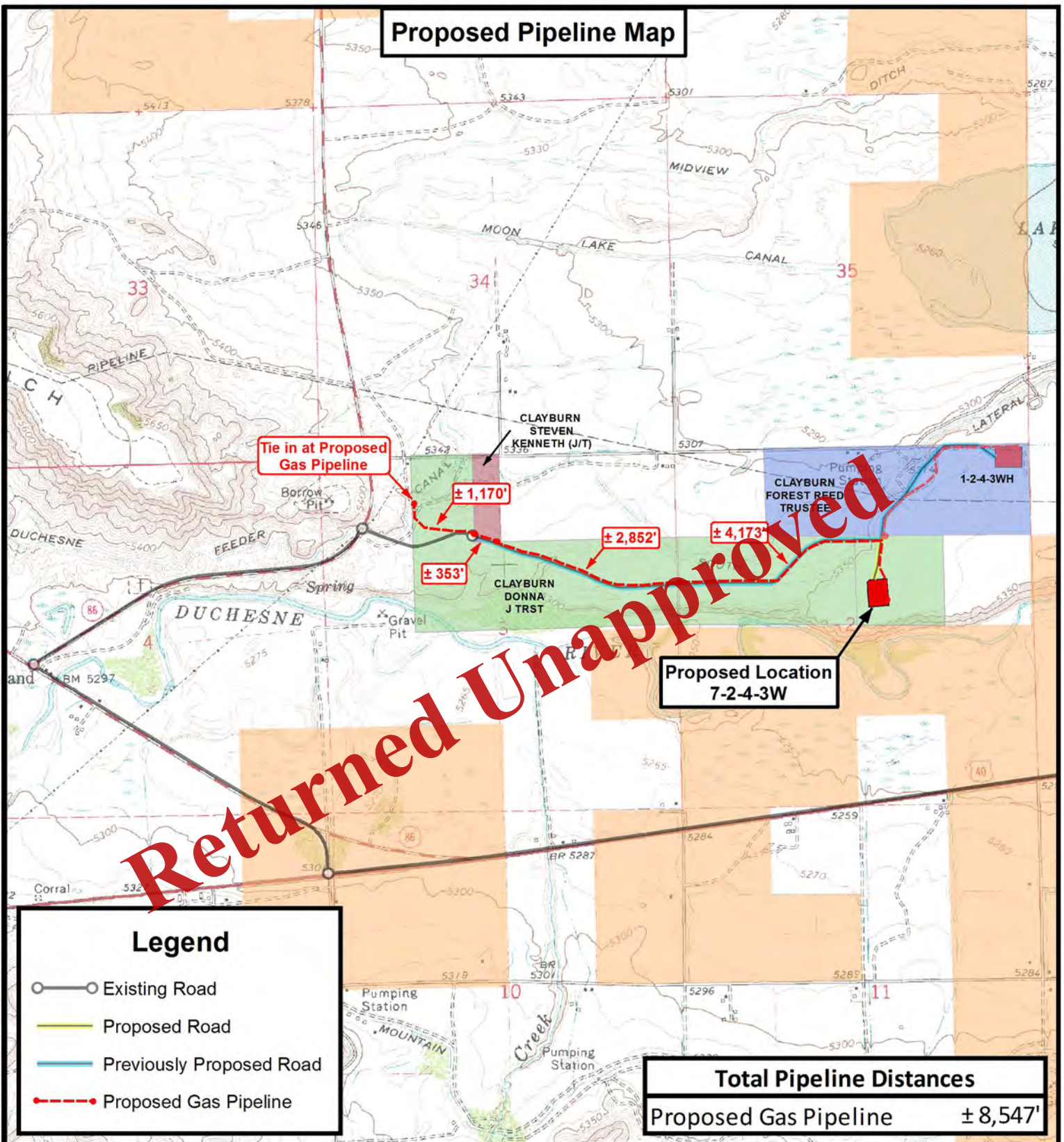
TOPOGRAPHIC MAP

SHEET  
**B**

Received: June 26, 2012



# Proposed Pipeline Map



Proposed Location  
7-2-4-3W

## Legend

- Existing Road
- Proposed Road
- Previously Proposed Road
- Proposed Gas Pipeline

## Total Pipeline Distances

Proposed Gas Pipeline  $\pm 8,547'$

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## NEWFIELD EXPLORATION COMPANY

7-2-4-3W  
SEC. 2, T4S, R3W, U.S.B.&M.  
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	06-27-12 A.P.C.	VERSION:
DATE:	02-09-2012			V3
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET  
**C**

Received: June 26, 2012





# Exhibit "B" Map

Proposed Location  
7-2-4-3W

Returned Unapproved

## Legend

-  1 Mile Radius
-  Proposed Location

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

**Tri State**  
**Land Surveying, Inc.**  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

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F: (435) 781-2518



## NEWFIELD EXPLORATION COMPANY

7-2-4-3W  
SEC. 2, T4S, R3W, U.S.B.&M.  
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	06-27-12 A.P.C.	VERSION:
DATE:	02-09-2012			V3
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET  
**D**

Received: June 26, 2012

**AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY AND  
SURFACE USE AGREEMENT**

Greg Boggs personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Greg Boggs. I am a Landman for Newfield Production Company, whose address is 1001 17<sup>th</sup> Street, Suite 2000, Denver, CO 80202 ("Newfield").
2. Newfield is the Operator of the proposed UT 7-2-4-3W well with a surface location to be positioned in the SWNE of Section 2, Township 4 South, Range 3 West, Duchesne County, Utah (the "Drillsite Location"). The surface owner of the Drillsite Location is Donna J. Clayburn, Steven Kenneth Clayburn, and Leon Clayburn, Successor Trustees of the David Kenneth and Donna J. Clayburn Trust, whose address is HC 64 Box 450, Duchesne, UT 84021 ("Surface Owner").
3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated May 31, 2012 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

ACKNOWLEDGEMENT

STATE OF COLORADO

§

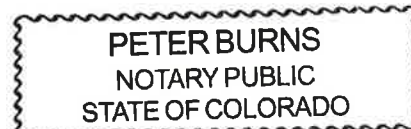
COUNTY OF DENVER

§

Before me, a Notary Public, in and for the State, on this 1st day of June, 2012, personally appeared Greg Boggs, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

P. Burns  
NOTARY PUBLIC

My Commission Expires:

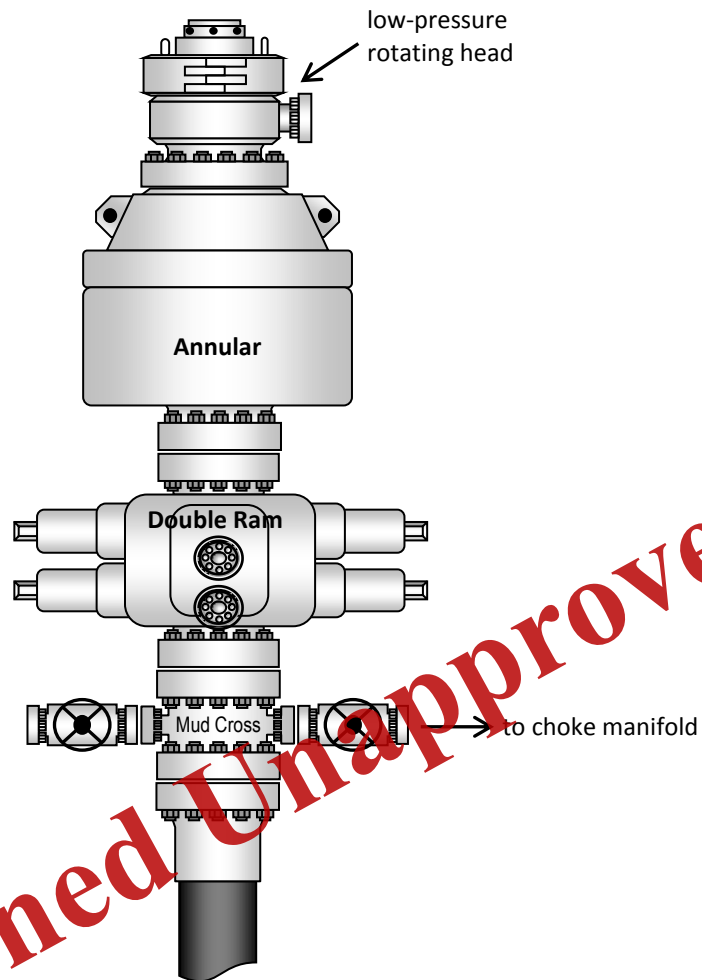


My Commission Expires 8/09/2015

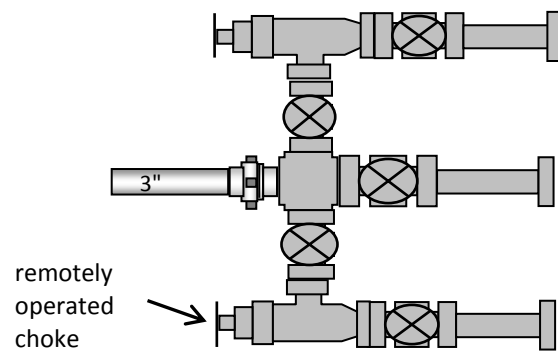
**Received: June 26, 2012**



Typical 5M BOP stack configuration



Typical 5M choke manifold configuration

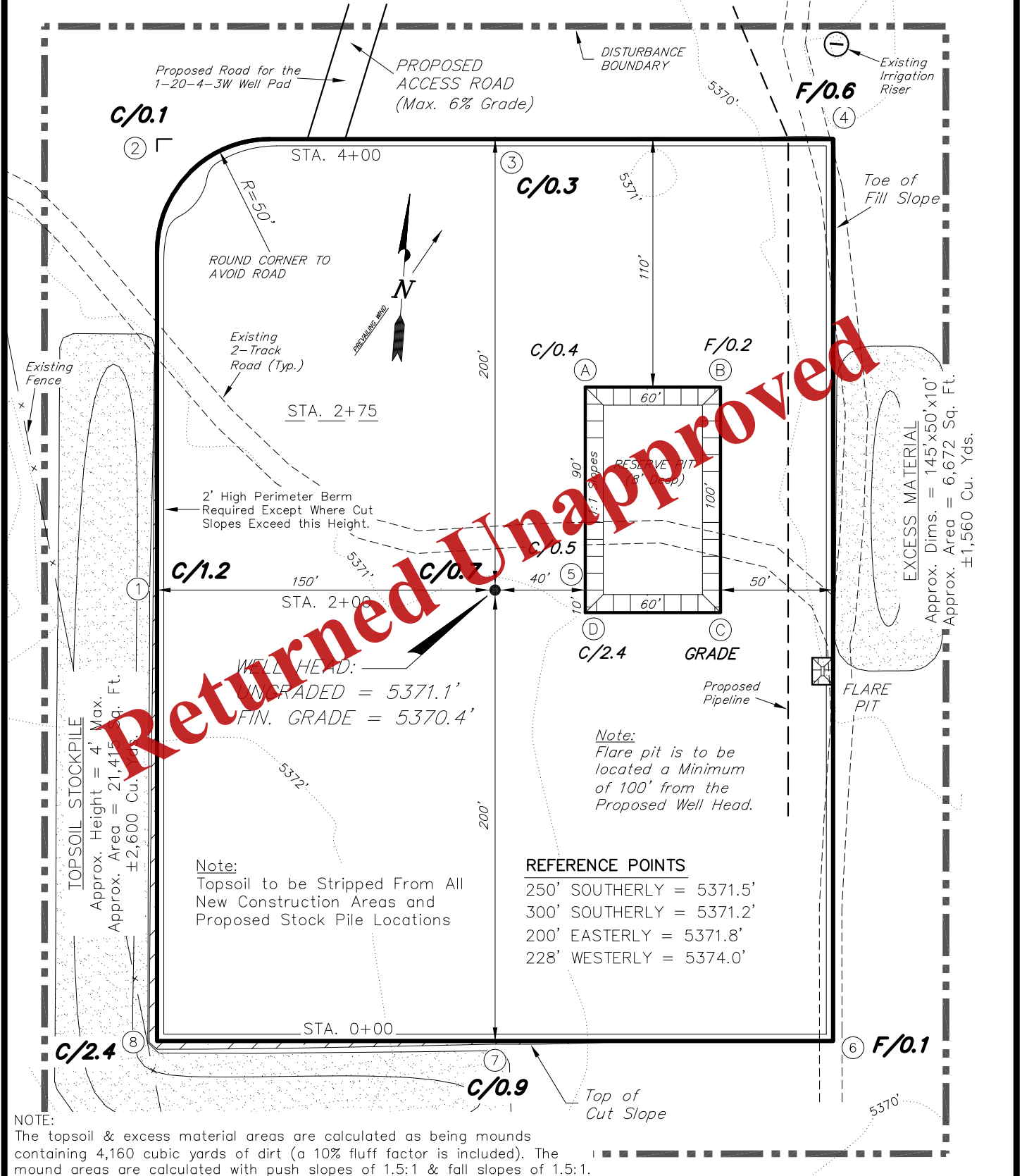


# NEWFIELD EXPLORATION COMPANY

## PROPOSED LOCATION LAYOUT

7-2-4-3W

Pad Location: SWNE Section 2, T4S, R3W, U.S.B.&M.



SURVEYED BY: S.V.	DATE SURVEYED: 01-12-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 02-09-12	V3
SCALE: 1" = 60'	REVISED: L.K. 06-27-12	

**Tri State**  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

Received: June 26, 2012

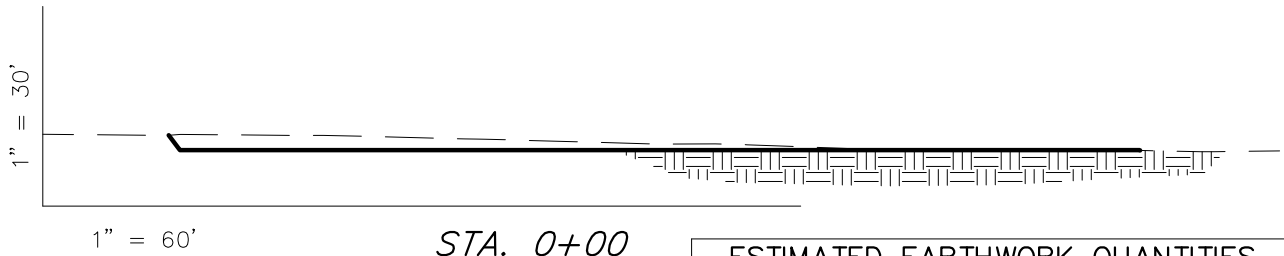
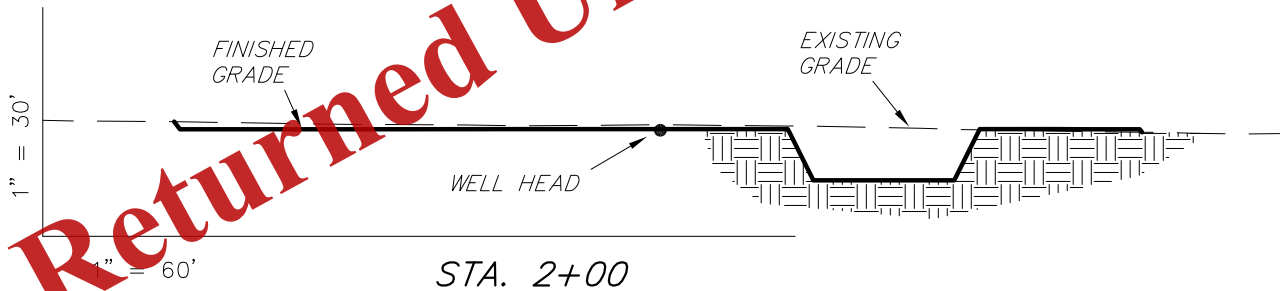
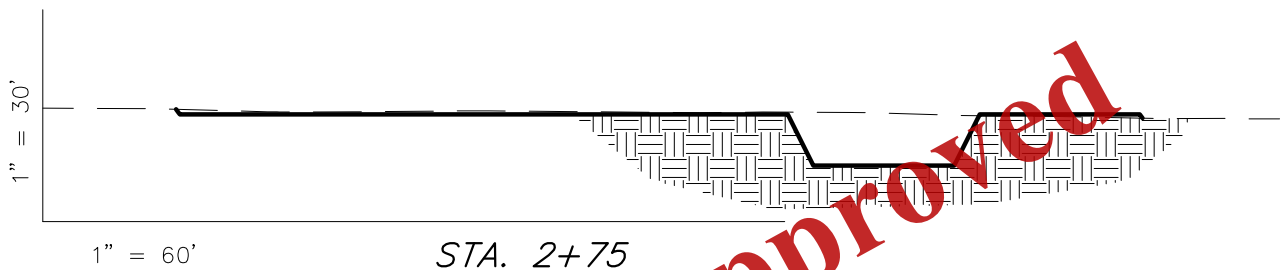
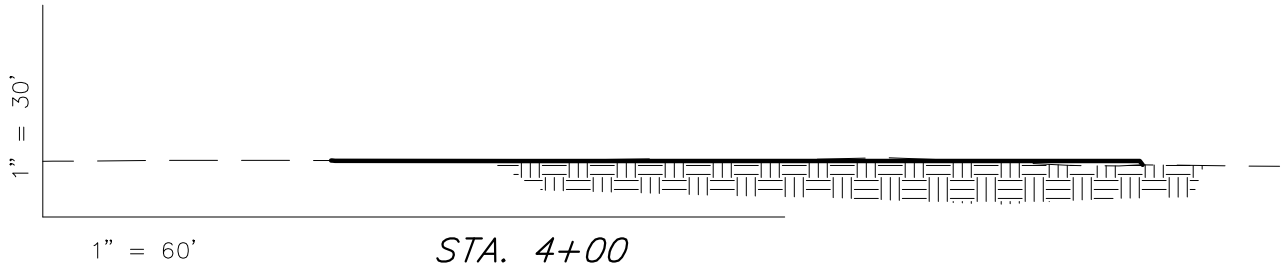


# NEWFIELD EXPLORATION COMPANY

## CROSS SECTIONS

7-2-4-3W

Pad Location: SWNE Section 2, T4S, R3W, U.S.B.&M.



NOTE:  
UNLESS OTHERWISE  
NOTED ALL CUT/FILL  
SLOPES ARE AT 1.5:1

### ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,070	1,070	Topsoil is not included in Pad Cut Volume	0
PIT	1,420	0		1,420
TOTALS	2,490	1,070	2,370	1,420

SURVEYED BY: S.V.	DATE SURVEYED: 01-12-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 02-09-12	V3
SCALE: 1" = 60'	REVISED: L.K. 06-27-12	

**Tri State** (435) 781-2501  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

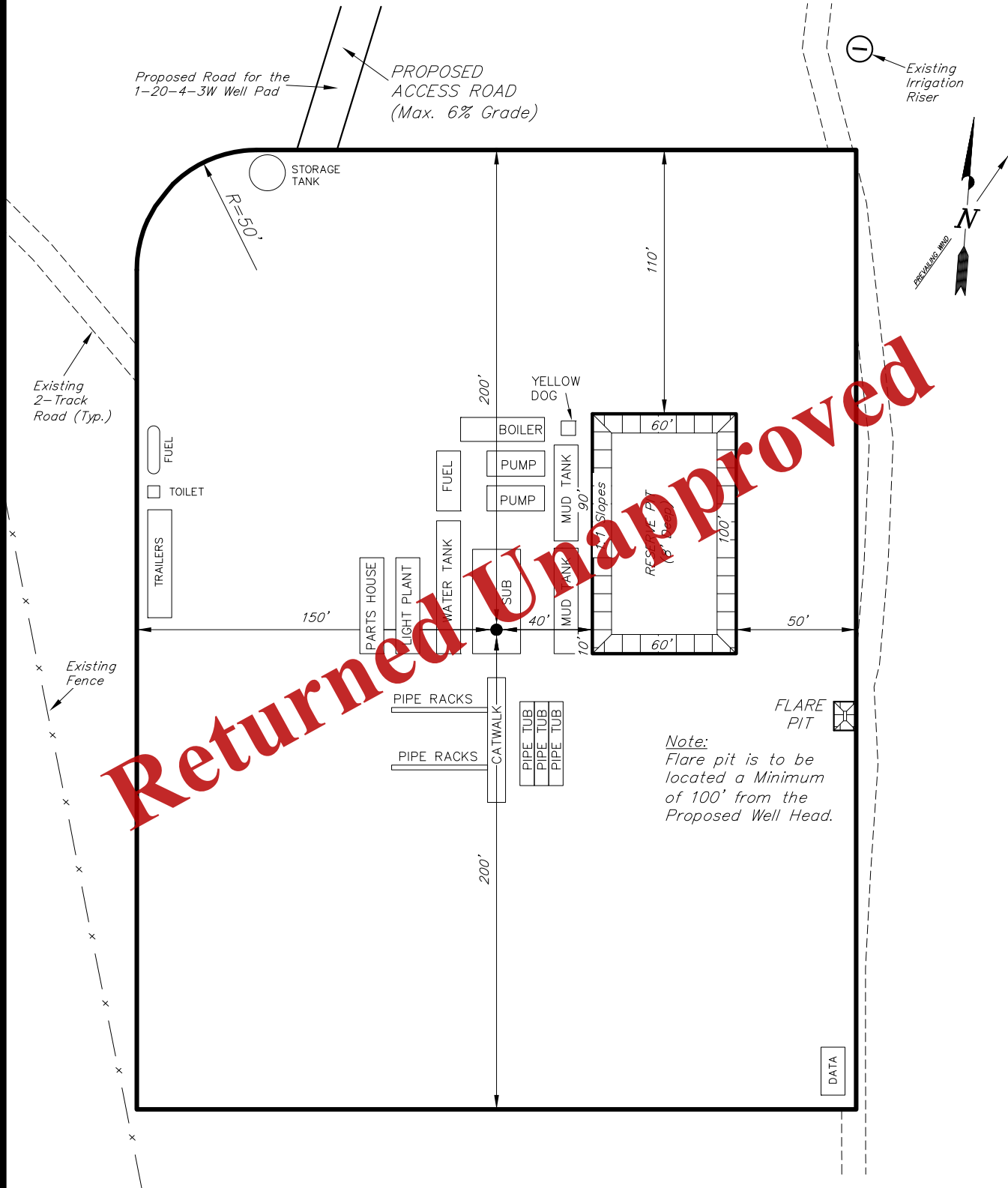
Received: June 26, 2012

# NEWFIELD EXPLORATION COMPANY

## TYPICAL RIG LAYOUT

7-2-4-3W

Pad Location: SWNE Section 2, T4S, R3W, U.S.B.&M.

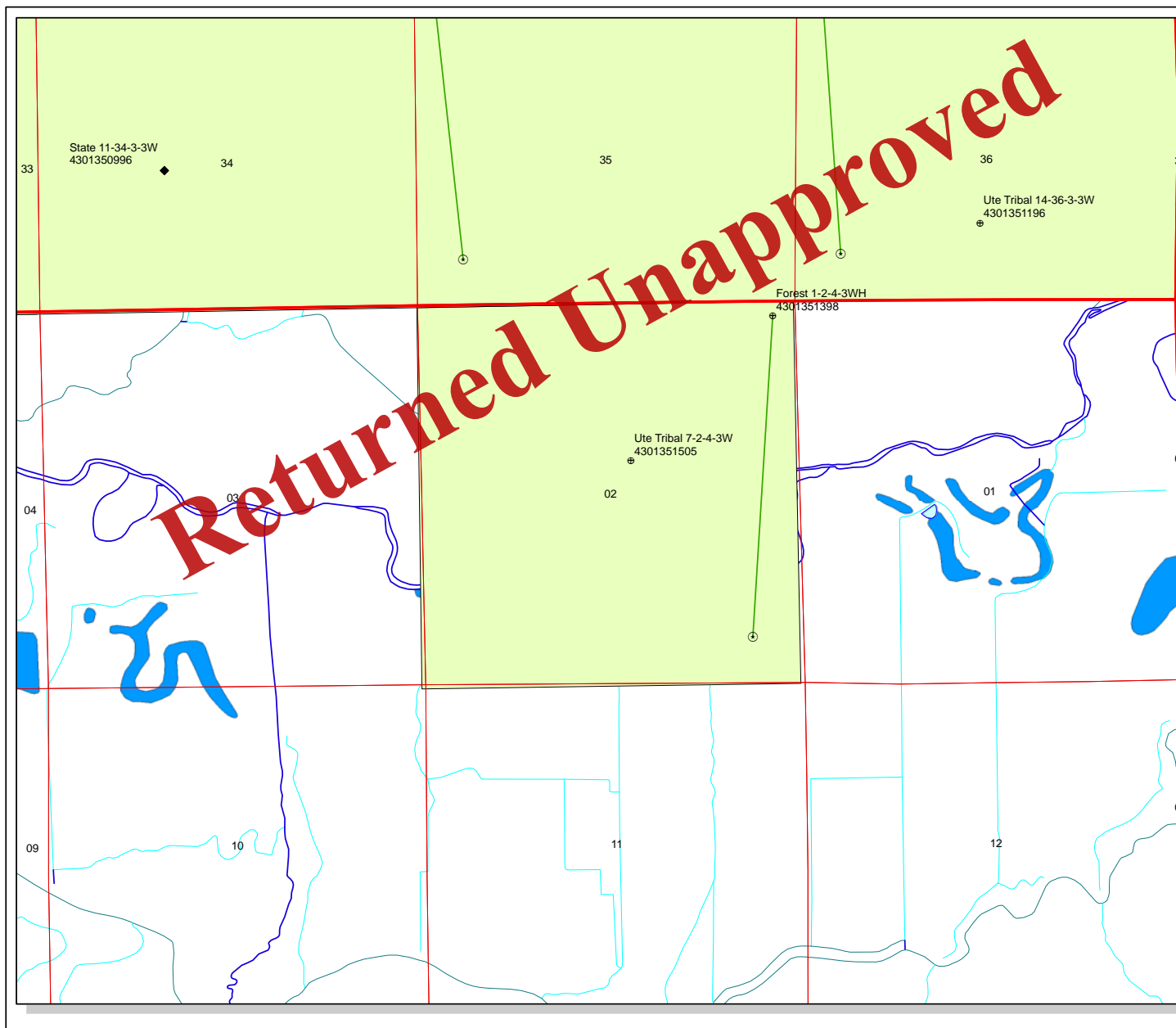


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DRAWN BY: R.B.T.	DATE DRAWN: 02-09-12	V3
SCALE: 1" = 60'	REVISED: L.K. 06-27-12	

Tri State  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

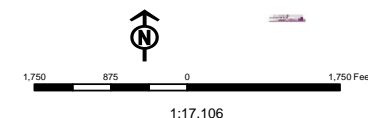
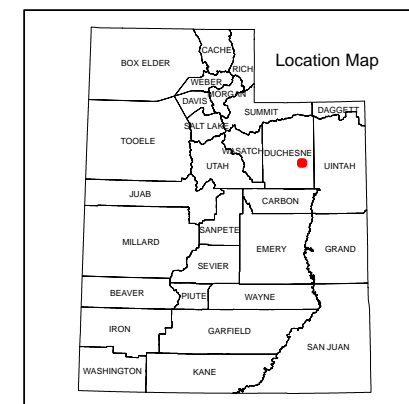
Received: June 26, 2012





**API Number: 4301351505**  
**Well Name: Ute Tribal 7-2-4-3W**  
**Township T04.0S Range R03.0W Section 02**  
**Meridian: UBM**  
**Operator: NEWFIELD PRODUCTION COMPANY**  
 Map Prepared:  
 Map Produced by Diana Mason

Units	Wells Query
<b>STATUS</b>	<b>Status</b>
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LOC - New Location
PI OIL	OPS - Operation Suspended
PP GAS	PA - Plugged Abandoned
PP GEOTHERM	PGW - Producing Gas Well
PP OIL	POW - Producing Oil Well
SECONDARY	SGW - Shut-in Gas Well
TERMINATED	SOW - Shut-in Oil Well
<b>Fields</b>	TA - Temp. Abandoned
Unknown	TW - Test Well
ABANDONED	WDW - Water Disposal
ACTIVE	WW - Water Injection Well
COMBINED	WSW - Water Supply Well
INACTIVE	Bottom Hole Location - Oil/Gas/Dib
STORAGE	
TERMINATED	



**Received: June 28, 2012**



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

March 01, 2013

NEWFIELD PRODUCTION  
COMPANY  
Rt 3 Box 3630  
Myton, UT 84052

Re: Application for Permit to Drill - DUCHESNE County, Utah

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the Ute Tribal 7-2-4-3W well, API 43013515050000 that was submitted June 26, 2012 is being returned unapproved. If you plan on drilling this well in the future, you must first submit a new application.

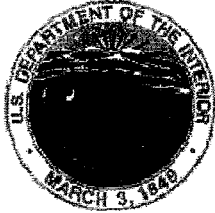
Should you have any questions regarding this matter, please call me at (801) 538-5312.

Sincerely,

Diana Mason  
Environmental Scientist

Enclosure

cc: Bureau of Land Management, Vernal, Utah



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Green River District

Vernal Field Office

170 South 500 East

Vernal, UT 84078

<http://www.blm.gov/ut/st/en/fo/vernal.html>



April 1, 2013

3160 (UTG011)

Mandie Crozier  
Newfield Production Company  
Route #3 Box 3630  
Myton, UT 84052

43 013 51505

Re: Request to Return APD  
Well No. Ute Tribal 7-2-4-3W  
SWNE, Sec. 2, T4S, R3W  
Duchesne County, Utah  
Lease No. 14-20-H62-6154

Dear Ms. Crozier:

The Application for Permit to Drill (APD) for the above referenced well received in this office on June 12, 2012 is being returned unapproved per your request to this office in an email message from Kirby Carroll to Jerry Kenczka, Assistant Field Manager, received on March 7, 2013. If you intend to drill at this location at a future date, a new APD must be submitted.

If you have any questions regarding APD processing, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka  
Assistant Field Manager  
Lands & Mineral Resources

Enclosures

cc: UDOGM  
BIA

bcc: Well File

RECEIVED

MAY 01 2013

DIV. OF OIL, GAS & MINING